

DERWENT-ACC-NO: 2004-715700

DERWENT-WEEK: 200470

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TITLE: Slim typed Optical Disc Drive (ODD)

INVENTOR: BAE, B Y

PATENT-ASSIGNEE: SAMSUNG ELECTRONICS CO LTD[SMSU]

PRIORITY-DATA: 2002KR-0074643 (November 28, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2004046653 A	June 5, 2004	N/A	001	G11B 017/02

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR2004046653A	N/A	2002KR-0074643	November 28, 2002

INT-CL (IPC): G11B017/02

ABSTRACTED-PUB-NO: KR2004046653A

BASIC-ABSTRACT:

NOVELTY - A slim typed ODD(Optical Disc Drive) is provided to enhance the product image, and electrically connect a tray and a main control board by preventing the inside of the slim typed ODD from being exposed to the outside through a penetrating part as covering the penetrating part with an FPC(Flexible Printed Circuit) unit.

DETAILED DESCRIPTION - A tray(120) is equipped with a spindle motor(130) rotating an optical disc(D) and an optical pickup(150) accessed to the optical disc. The tray is installed/slid to the lower case(110). The main control board(160) controls an operation of the ODD by installing to the lower case. The FPC unit(200) electrically connects the electric parts installed to the tray and the main control board. The FPC covers the penetrating part by partially attaching to the lower case.

CHOSEN-DRAWING: Dwg. 1/10

TITLE-TERMS: SLIM TYPING OPTICAL DISC DRIVE ODD

DERWENT-CLASS: T03

EPI-CODES: T03-F02L; T03-L01K3;

